Kim Julius Sale

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SUMMARY

Software Engineer with a B.S. in Computer Science and specialized expertise in Full Stack (React.js) and XR Systems (C#/Unity). Leverages 10 years of high-stakes aerospace and logistics operations to bring rigorous Quality Assurance and disciplined troubleshooting to software architecture. Proven ability to deliver scalable, high-performance applications with a focus on code reliability and immersive user experience.

EDUCATION

Bellevue College   Bellevue, WA
Bachelor of Science in Computer Science   *June 2025*

> **Relevant Coursework:** Software Engineering, Database Systems, Data Structures, Algorithms

Ancora Training   Online
Web and App Development   *Feb. 2025 - Aug. 2025*

> **Curriculum Focus:** Web Fundamentals, Modern CSS & Responsive Design, Advanced JavaScript (APIs, JSON), and SPA Development

TECHNICAL & PROJECT

Virtual Keys | [<u>GitHub</u>]
Product Manager, Software Engineer, Lead Developer

- Architected a Virtual Reality learning environment in Unity 3D (C#), integrating the XR Interaction Toolkit to gamify music education through real-time instrument visualization.
- Engineered a custom C# MIDI parsing algorithm to decode complex musical data streams, reducing input latency to under 20ms for seamless audio-visual synchronization.
- Implemented modular software architecture patterns to decouple input handling from the rendering pipeline, improving code maintainability and system scalability.
- Orchestrated the development lifecycle for a 4-person team, establishing Git branching strategies and code review protocols that maintained 100% project integrity.

Professional Portfolio Website | [<u>Live Demo</u>]
Front-End Developer

- Developed a responsive Single-Page Application (SPA) using React.js, leveraging component-based architecture for reusable UI elements.
- Optimized client-side performance by implementing asynchronous (AJAX) data fetching patterns to consume external RESTful SPIs, reducing page load times by approx. 40%.
- Designed a mobile-first UI using modern CSS frameworks, ensuring cross-browser compatibility and a consistent user experience across devices.
- Deployed a Continuous Integration (CI) workflow via GitHub Pages, automating build processes for immediate live updates.

TECHNICAL SKILLS

Languages: C#, JavaScript (ES6+), Python, SQL, C++, HTML5, CSS3
Front-End: React.js, Responsive Web Design, Bootstrap, Tailwind CSS, DOM Manipulation
Back-End & Systems: Node.js, RESTful APIs, JSON, MIDI Processing, Unity XR Interaction Toolkit
Developer Tools: Git, Github, Docker, Visual Studio Code, NPM, CI/CD Pipelines
Methodologies: Agile/ Scrum, Data Structures & Algorithms, Debugging & Performance Optimization

PROFESSIONAL EXPERIENCE

Hilton — Banquets - Houseperson, Captain | TUKWILA, WA   Mar. 2023 - PRESENT
- Direct execution of large-scale corporate events for 500+ attendees, ensuring strict adherence to Banquet Event Order (BEO) specifications.
- Optimize logistical workflows, reducing setup/teardown turnaround time by 25% through strategic inventory management.

MM Distribution — Manager | TUKWILA, WA   Jul. 2021 - Dec. 2022
- Oversaw global supply chain operations, scaling inventory capacity by 150% to support business expansion; Instituted safety standards achieving a 100% safety record.
- Negotiated resolution for critical vendor discrepancies, ensuring supply chain continuity and preserving key partnerships.

PREVIOUS HISTORY (2014 – 2021)

- Furnace Operator Level II | Exotic Metals Forming (2020 – 2021) – *Maintained AS9100/ISO 9001 compliance.*
- Mechanic | Boeing (2018 – 2019) – *Diagnosed and repaired mission-critical avionics systems.*
- Dispatcher | Swissport (2014 – 2018) – *Managed regulatory compliance for flight operations.*